

DETAILED ACTION

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Jonathan Bowser on July 13, 2010.

The application has been amended as follows:

Claims:

10. (Currently Amended) A multipurpose semiconductor integrated circuit device comprising:

a plurality of types of input/output interfaces;
a non-volatile memory including a file storage region for storing a script file and firmware in a non-volatile manner, the firmware including program modules for functioning of an application layer, the script file defining, using a script language, processes relating to data input and/or output ~~through~~ through the plurality of types of input/output interfaces with the program modules;

an interpreter being configured to execute only commands of the script file relating to the input and/or output of data through the plurality of types of input/output interfaces with the program modules, and to execute processes of inputting data and

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outputting data through the plurality of types of input/output interfaces with the program modules; and

a file management system that admits access to the file storage region of the non-volatile memory through at least one of the plurality of types of input/output interfaces, the file management system being configured to allow a user to manipulate the script file stored in the file storage region in an exposed state without exposing the firmware stored in the file storage region, wherein

a plurality of script files are stored in the file storage region,
one of the plurality of types of input/output interfaces is a network interface that admits accessing a computer network, and

the multipurpose semiconductor integrated circuit device further comprises:

a program management system that monitors occurrences of events,
selects one of the plurality of script files that is associated with an event that has occurred, and causes a selected script file to be executed by the interpreter; and

a web server system that supplies at least one web output file stored in the file storage region via the network interface in accordance with Hypertext Transfer Protocol (HTTP), the web server system supporting Common Gateway Interface (CGI) and/or Server Side Include (SSI), the program management system selecting a script file designated using CGI and/or SSI, and the script file including a script for executing a process that obtains information from at least one of the plurality of types of input/output interfaces and outputs the obtained information as at least part of the web output file.

The rest of the claims remain as presented in the response received on July 8, 2010.

Allowable Subject Matter

2. Claims 10, 11, and 15 – 20 are allowed.
3. The following is an examiner's statement of reasons for allowance: The prior art of record taken alone and/or in combination with each other fails to teach and/or fairly suggest the limitations of "the file management system being configured to allow a user to manipulate the script file stored in the file storage region in an exposed state without exposing the firmware stored in the file storage region" and "a web server system that supplies at least one web output file stored in the file storage region via the network interface in accordance with Hypertext Transfer Protocol (HTTP), the web server system supporting Common Gateway Interface (CGI) and/or Server Side Include (SSI), the program management system selecting a script file designated using CGI and/or SSI, and the script file including a script for executing a process that obtains information from at least one of the plurality of types of input/output interfaces and outputs the obtained information as at least part of the web output file" in combination with other recited limitations of independent claim 10.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to STEVEN G. SNYDER whose telephone number is (571)270-1971. The examiner can normally be reached on Mon. - Thurs. 9:30 AM - 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dr. Henry Tsai can be reached on (571) 272-4176. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/S. G. S./

/Henry W.H. Tsai/
Supervisory Patent Examiner, Art Unit 2184